

## **NCDOT Prioritization 3.0 Project Summary**

SPOT ID: H090120-A Mode: Highway Status: Submitted

### **NC-49**

**From/Cross Street:** Existing Four Lanes West of Farmer at SR 1174 (Waynick Meadow Road)

To: East of SR 1163 (tot Hill Farm Road)

Length: 4.18

Specific Improvement Type: 1 - Widen Existing Roadway

**Project Category:** Statewide Mobility

TIP#: R-2535A

### Fully Funded in Draft STIP? No

Cost to NCDOT: \$29,419,000

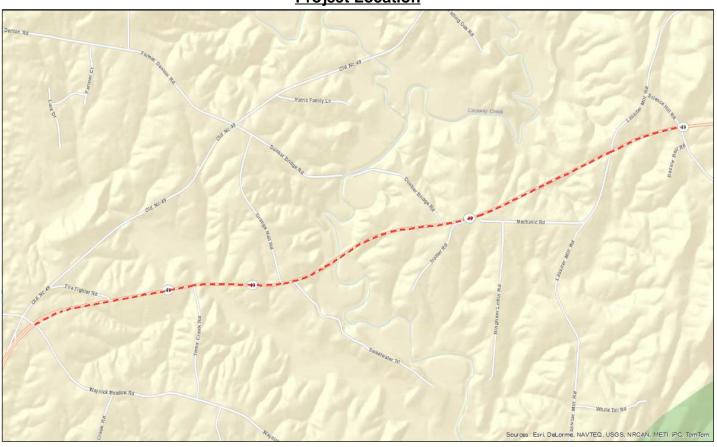
### **Description:**

SR 1174 West of Farmer to Proposed Asheboro Southern Bypass (R-2536) West of SR 1193. Widen to a Four Lane Divided Facility. Section A: Existing Four Lanes West of Farmer at SR 1174 (Waynick Meadow Road) to East of SR 1163 (tot Hill Farm Road)...

**Division(s):** Division 8 **County(s):** RANDOLPH

MPOS(s)/RPO(s): Piedmont Triad RPO

## **Project Location**



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## **Statewide Mobility Total Score: 8.54**

Quanitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) Economic Competitiveness (10%) Multimodal + [Freight & Military] (20%) [Travel Time] Benefit/Cost (30%) Safety (10%)  Totals: Weight: 100% Weighted Scores	17.84 0.12 3.03 0.02 25.58	N/A	N/A

## Regional Impact Total Score: 0

Quanitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%)  Totals: Weight: 70% Weighted Score	17.84 25.58 0.02 19.09	Percent: 15% Points:	Percent: 15% Points:

## **Division Needs Total Score: 0**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)  Totals: Weight: 50% Weighted Score	17.84 25.58 0.02 e: <b>6.13</b>	Percent: 25% Points:	Percent: 25% Points:

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### Project Data \*

### **Existing Conditions**

#### Existing Cross-Section: 55 Speed Limit: Length (miles); 4.18 Two Lane Highway Facility Type: Access Control: None Functional Classification: Other Principal Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 4908.56 18545 Capacity: 0.26 Volume/Capacity Ratio: % Autos: 88% % Trucks: 12% Truck Volume: 605.82 31.55 Crash Density: Crash Severity: 25.86 Critical Crash Rate: 19.33 Crash Frequency: 0 0 Severity Index: County Tier Designation: 2 Non-Interstate STRAHNET No Route? Average Commuting Time: 23 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 81 Actual Congested Speed: 57.99 Travel Time Index: 0.95

#### **Project Benefits**

4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
55
4.18
Multi-Lane Highway
Partial
Other Principal Arterial
Rolling
12
2
29082.05
25492.7
3589.35
1
1.32E-06
No
Yes
No
Division 8

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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## **Project Ownership**

### **Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

### MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Piedmont Triad RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

# **Project Cost and Source**

Construction Cost:	\$26,448,000	TIP Unit
Right-of-Way Cost:	\$2,653,000	Cost Estimation Tool
Utilities Cost:	\$318,000	Cost Estimation Tool
Total Project Cost:	\$29,419,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$29,419,000	

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